

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009445.D
 Acq On : 30 Mar 2017 11:04
 Operator : SJ/MA
 Sample : I2440-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ROLL-OFF-15-50

Quant Time: Mar 30 13:55:36 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	125038	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	453379	20.00	ng	-0.01
38) Acenaphthene-d10	14.50	164	250123	20.00	ng	0.00
63) Phenanthrene-d10	17.24	188	622134	20.00	ng	0.00
75) Chrysene-d12	21.42	240	876191	20.00	ng	0.00
86) Perylene-d12	23.75	264	854773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1109898	147.96	ng	0.00
7) Phenol-d6	7.02	99	1413098	138.14	ng	0.00
23) Nitrobenzene-d5	9.02	82	1100165	90.98	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	492251	158.42	ng	0.00
44) 2-Fluorobiphenyl	13.12	172	1898446	91.46	ng	0.00
78) Terphenyl-d14	19.86	244	3269512	77.97	ng	0.00

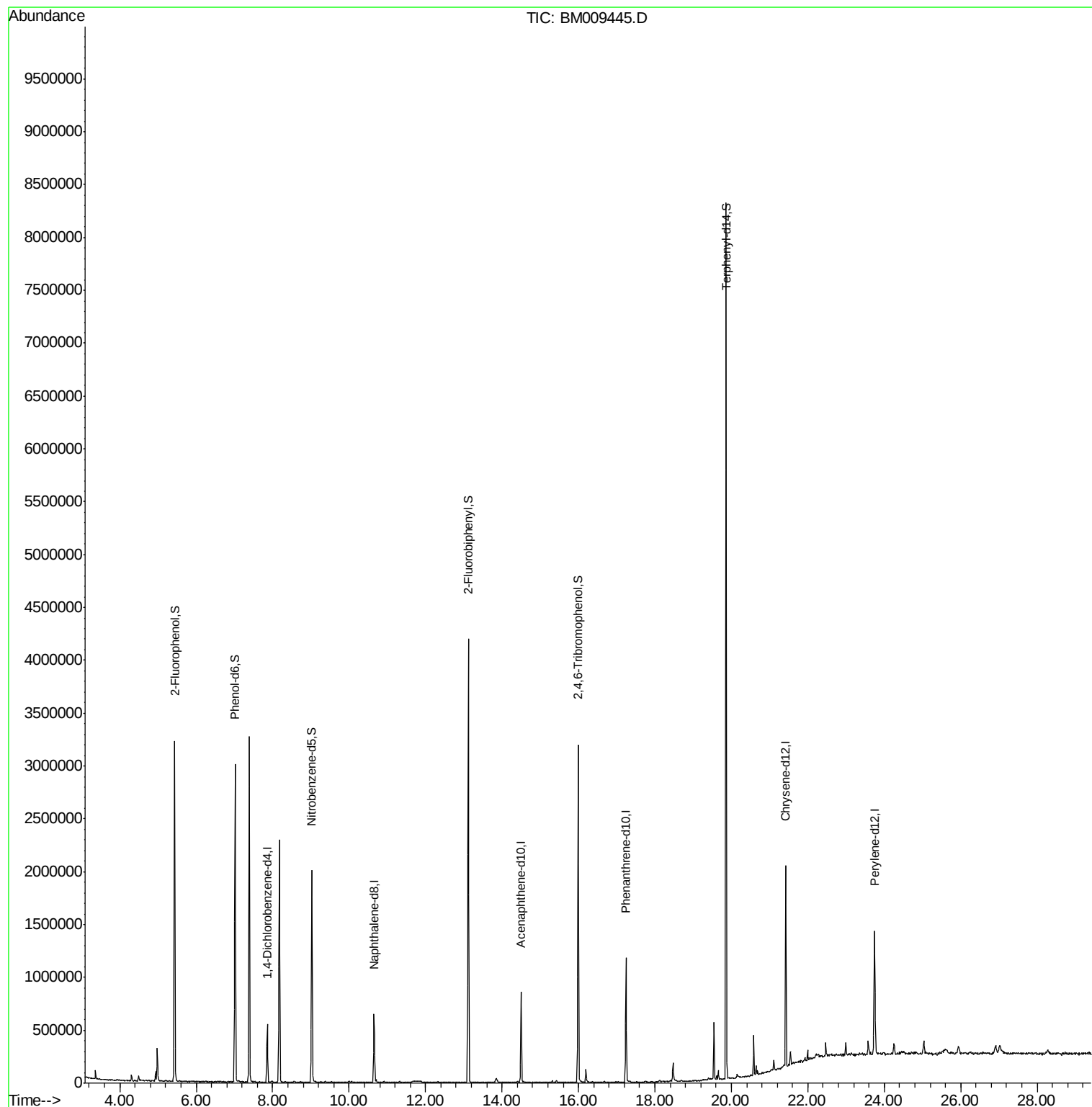
Target Compounds Qvalue

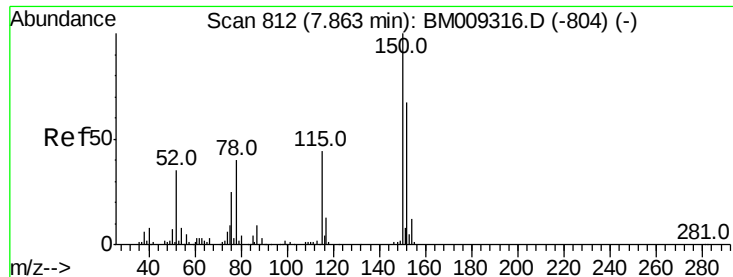
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BM009445.D

Acq: 30 Mar 2017 11:04

Instrument :

BNA_M

ClientSampleId :

ROLL-OFF-15-50

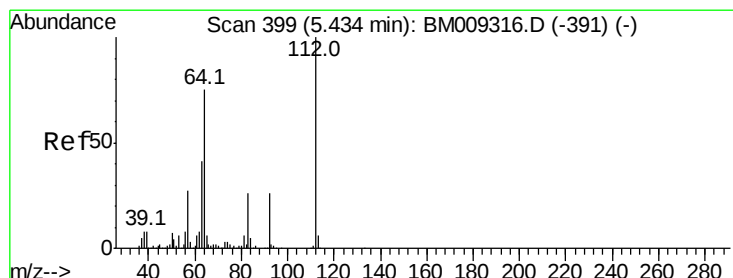
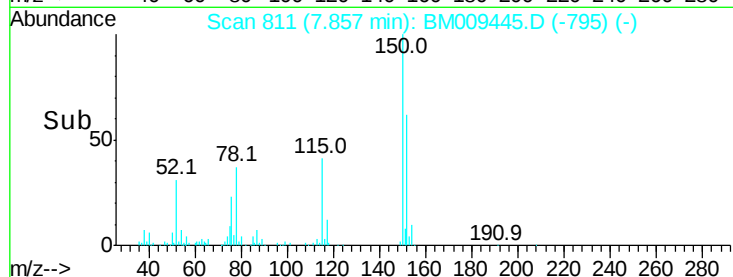
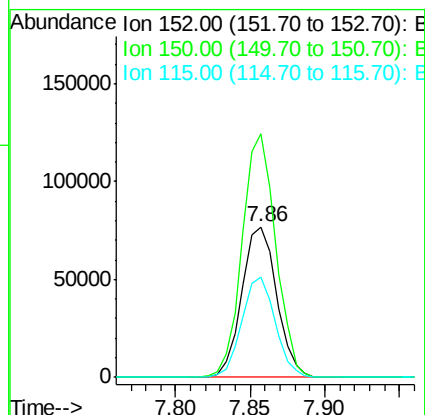
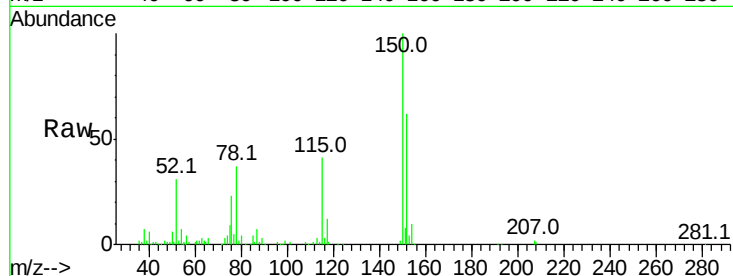
Tot Ion:152 Resp: 125038

Ion Ratio Lower Upper

152 100

150 161.9 119.5 179.3

115 66.8 43.0 64.4#



#5

2-Fluorophenol

Concen: 147.96 ng

RT: 5.43 min Scan# 399

Delta R.T. 0.00 min

Lab File: BM009445.D

Acq: 30 Mar 2017 11:04

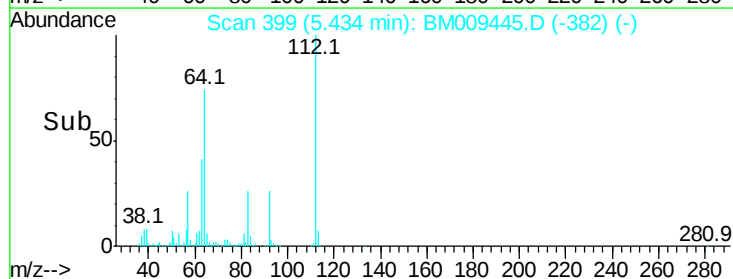
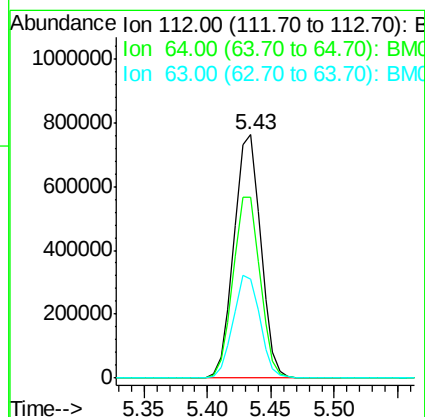
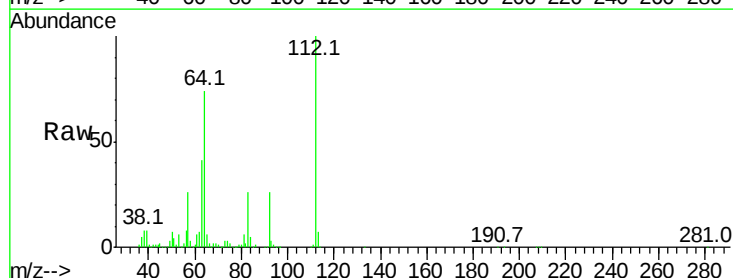
Tgt Ion:112 Resp: 1109898

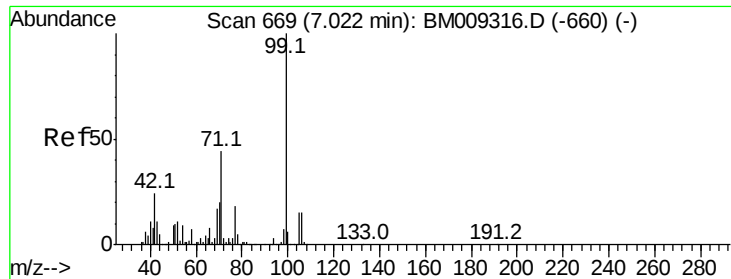
Ion Ratio Lower Upper

112 100

64 74.5 38.6 57.8#

63 40.8 19.3 28.9#





#7

Phenol-d6

Concen: 138.14 ng

RT: 7.02 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM009445.D

Acq: 30 Mar 2017 11:04

Instrument :

BNA_M

ClientSampleId :

ROLL-OFF-15-50

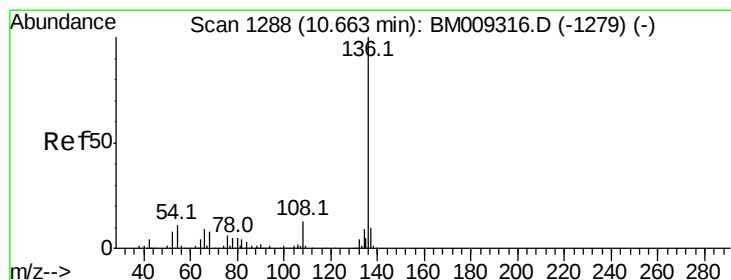
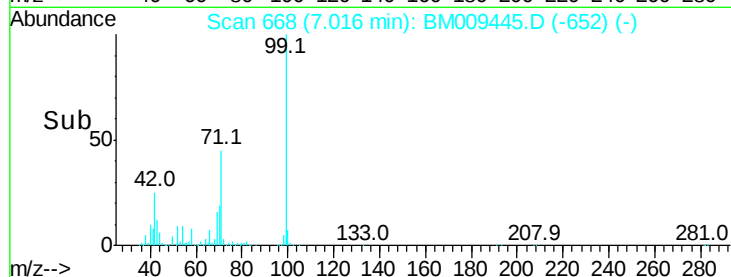
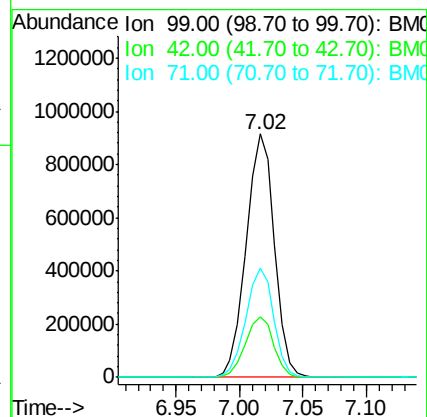
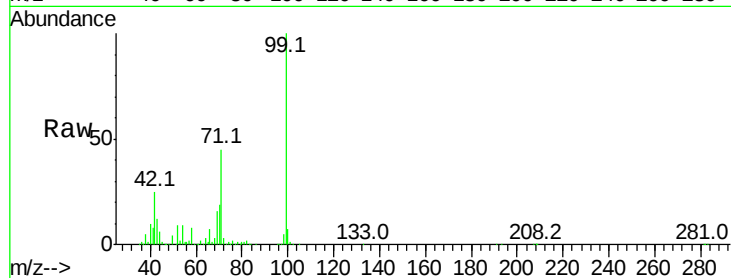
Tot Ion: 99 Resp: 1413098

Ion Ratio Lower Upper

99 100

42 24.7 11.0 16.4#

71 44.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM009445.D

Acq: 30 Mar 2017 11:04

Tgt Ion: 136 Resp: 453379

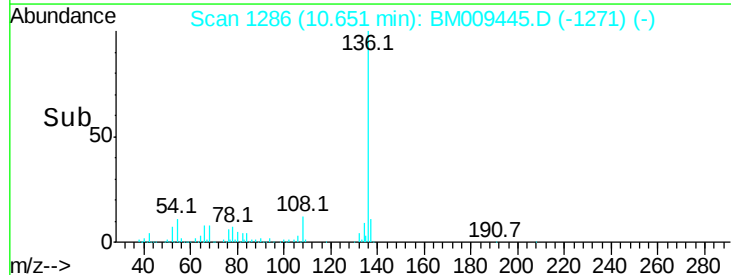
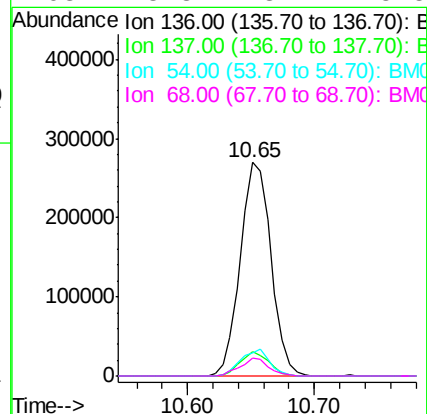
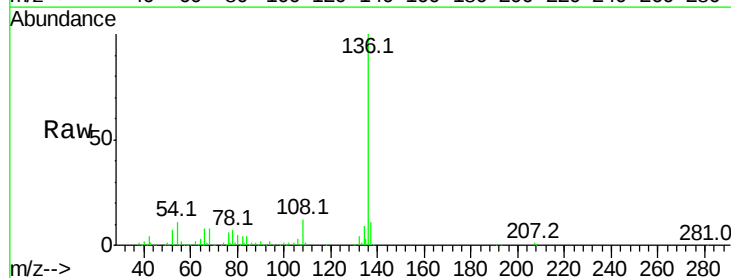
Ion Ratio Lower Upper

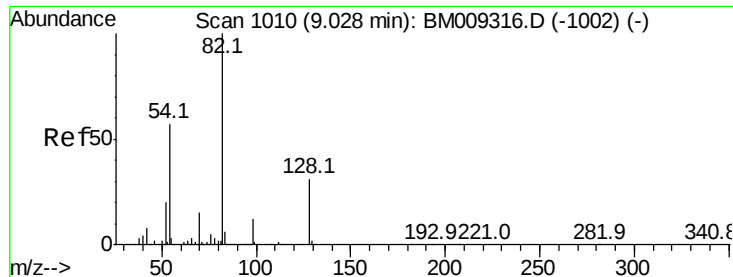
136 100

137 11.2 8.7 13.1

54 11.0 4.6 6.8#

68 8.3 3.7 5.5#



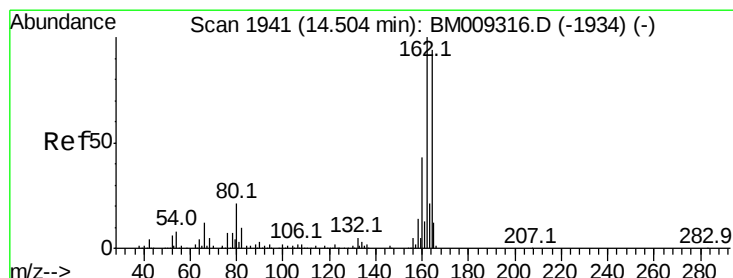
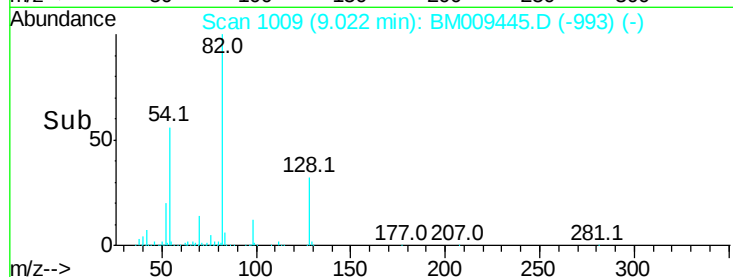
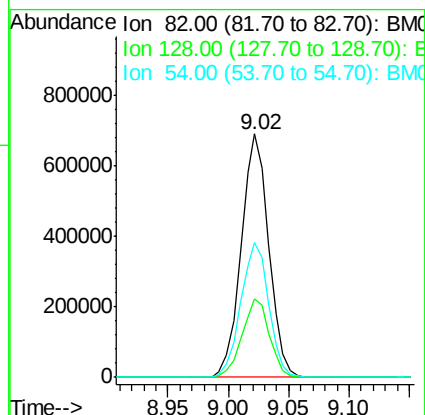
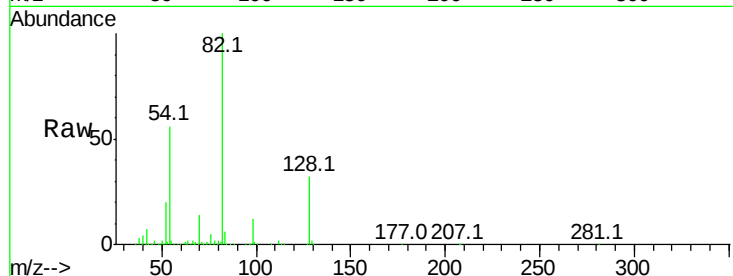


#23
 Nitrobenzene-d5
 Concen: 90.98 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BM009445.D
 Acq: 30 Mar 2017 11:04

Instrument :
 BNA_M
 ClientSampleId :
 ROLL-OFF-15-50

Tot Ion: 82 Resp: 1100165

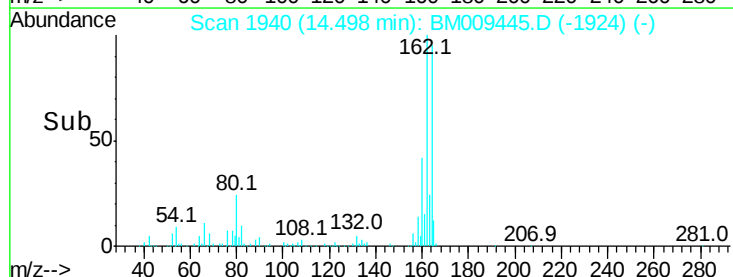
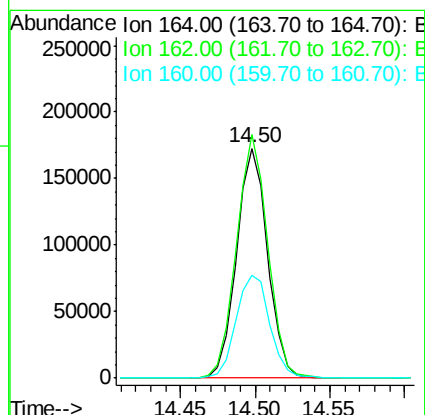
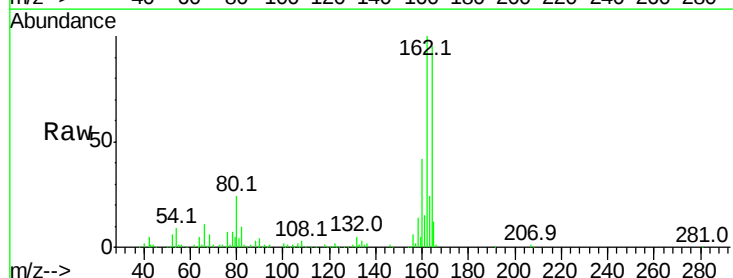
Ion	Ratio	Lower	Upper
82	100		
128	32.3	32.8	49.2#
54	55.6	40.6	60.8

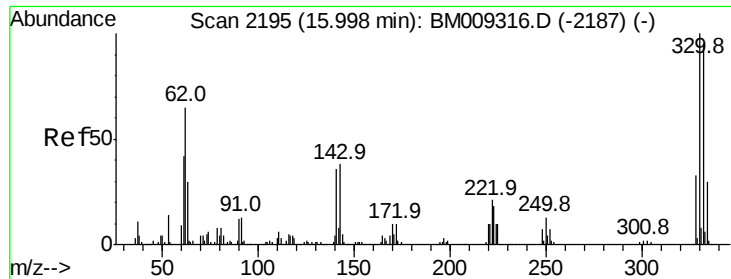


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.50 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BM009445.D
 Acq: 30 Mar 2017 11:04

Tgt Ion: 164 Resp: 250123

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.4	123.6
160	44.5	35.8	53.6

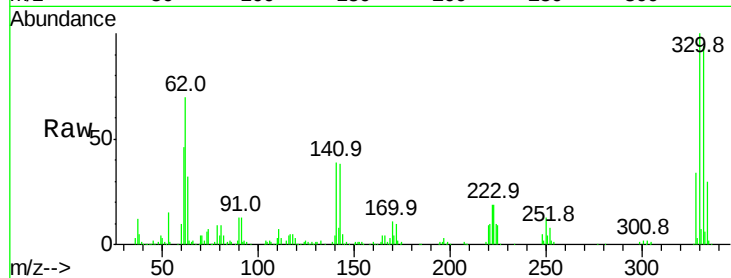




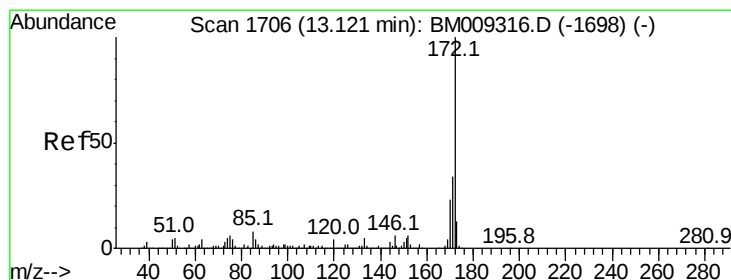
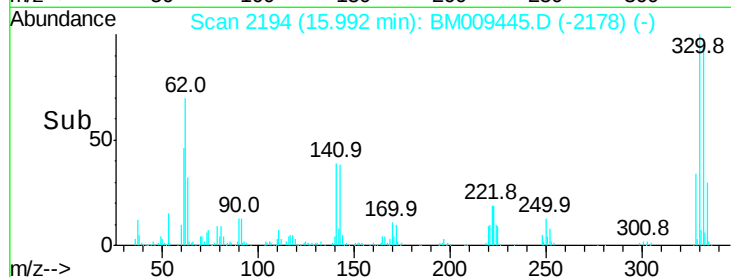
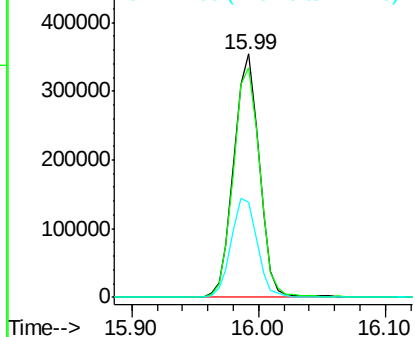
#41
 2,4,6-Tribromophenol
 Concen: 158.42 ng
 RT: 15.99 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM009445.D
 Acq: 30 Mar 2017 11:04

Instrument :
 BNA_M
 ClientSampleId :
 ROLL-OFF-15-50

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	41.8	0.0	0.0#

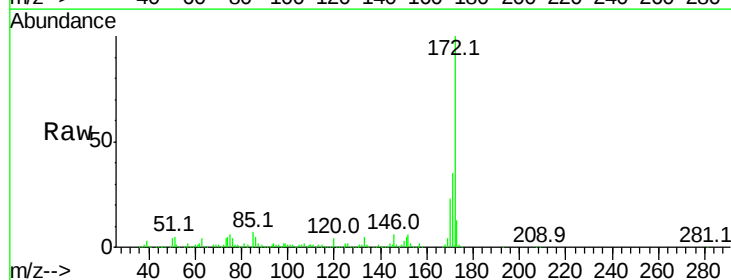


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

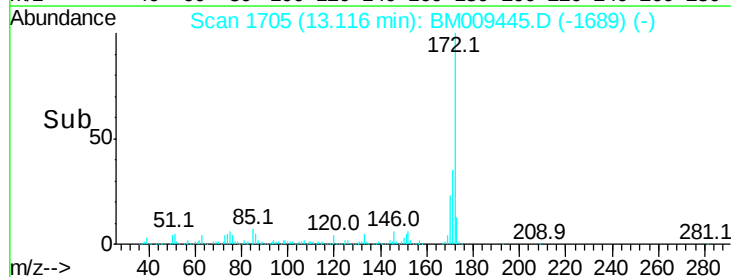
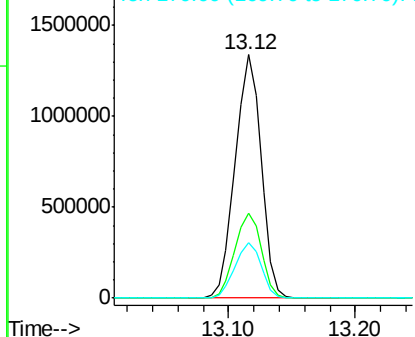


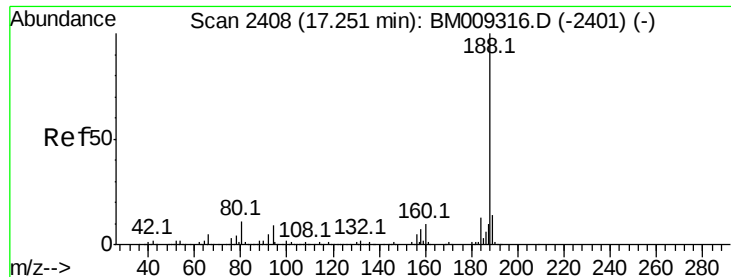
#44
 2-Fluorobiphenyl
 Concen: 91.46 ng
 RT: 13.12 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM009445.D
 Acq: 30 Mar 2017 11:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.0	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

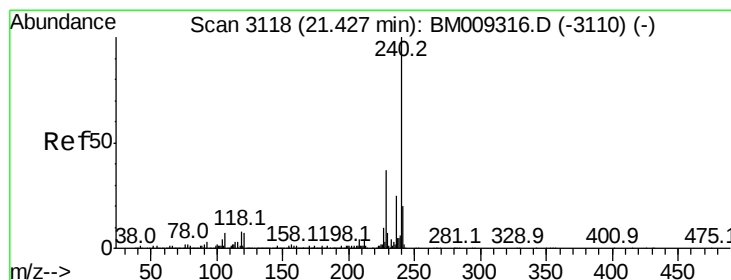
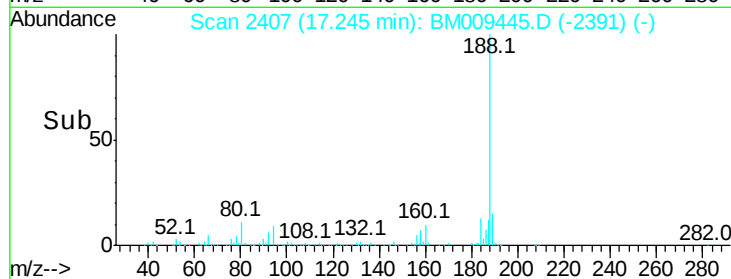
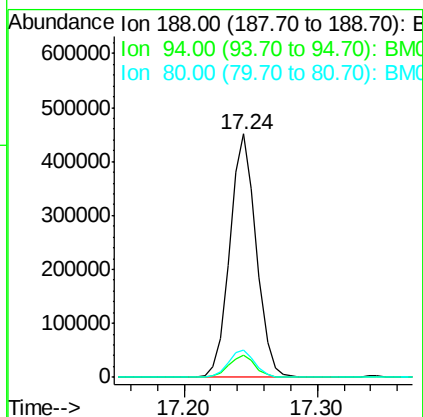
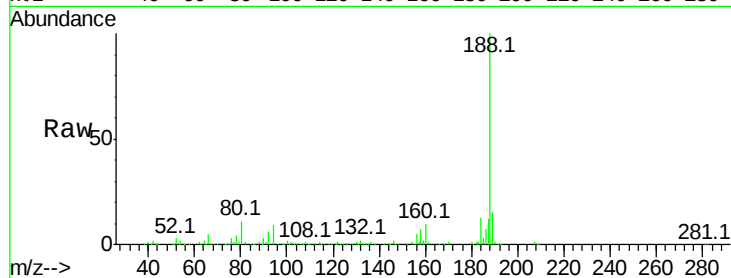




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009445.D
Acq: 30 Mar 2017 11:04

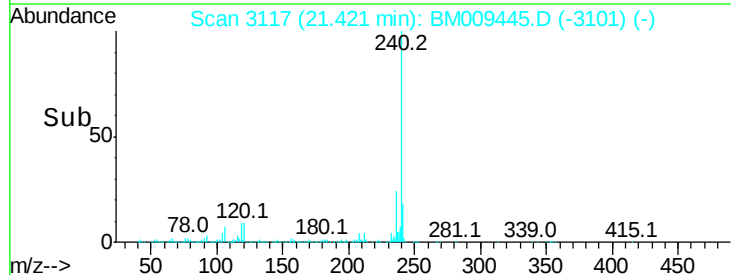
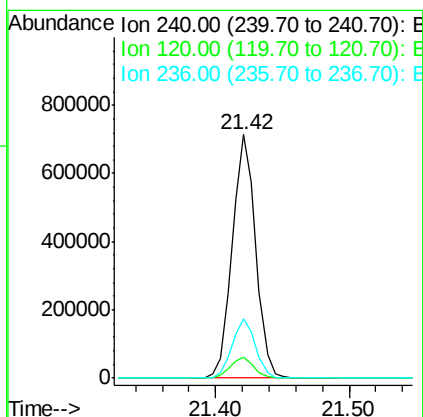
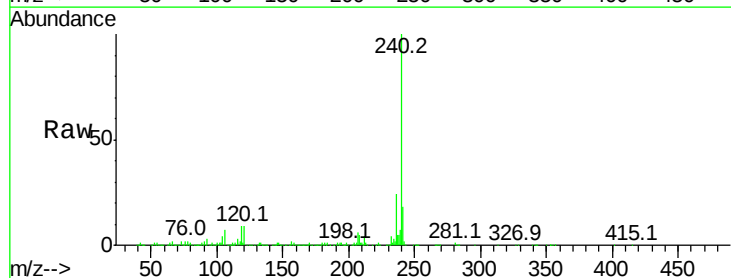
Instrument :
BNA_M
ClientSampleId :
ROLL-OFF-15-50

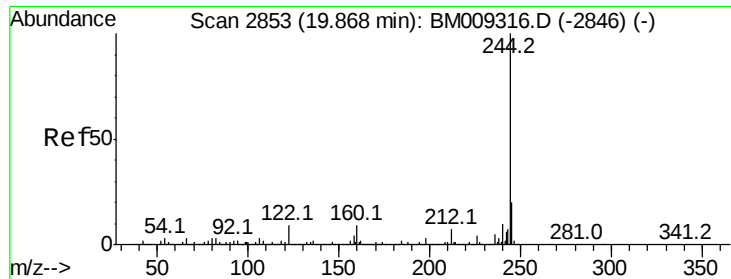
Tot Ion:188 Resp: 622134
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 11.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM009445.D
Acq: 30 Mar 2017 11:04

Tgt Ion:240 Resp: 876191
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 24.4 20.0 30.0

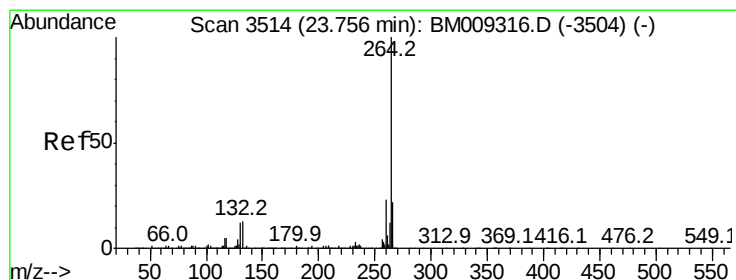
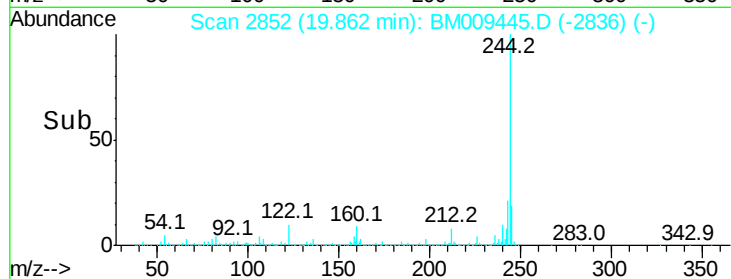
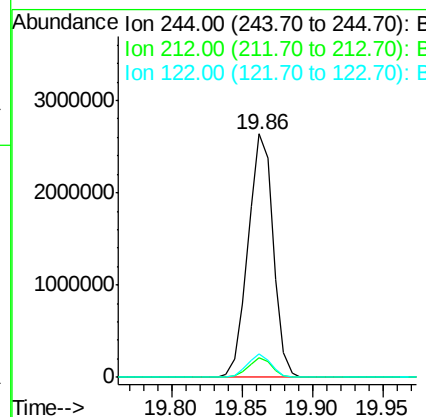
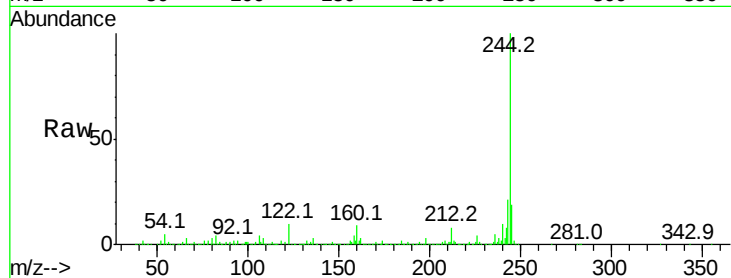




#78
 Terphenyl-d14
 Concen: 77.97 ng
 RT: 19.86 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BM009445.D
 Acq: 30 Mar 2017 11:04

Instrument :
 BNA_M
 ClientSampleId :
 ROLL-OFF-15-50

Tot Ion:244 Resp: 3269512
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.9 7.3#
 122 9.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.75 min Scan# 3513
 Delta R.T. -0.01 min
 Lab File: BM009445.D
 Acq: 30 Mar 2017 11:04

Tgt Ion:264 Resp: 854773
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.6 27.8
 265 21.2 17.3 25.9

